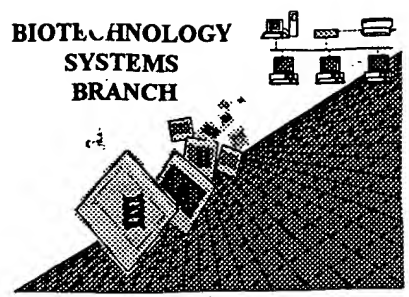


0510  
0905



## **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/930,915  
Source: OPE  
Date Processed by STIC: 8/23/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:**

### **Checker Version 3.0**

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

**Checker Version 3.0 can be down loaded from the USPTO website at the following address:**

**<http://www.uspto.gov/web/offices/pac/checker>**

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/930,915

DATE: 08/23/2001  
 TIME: 17:29:04

Input Set : A:\Icc-1022.app  
 Output Set: N:\CRF3\08162001\I930915.raw

Does Not Comply  
 Corrected Diskette Needed

3 <110> APPLICANT: Birkett, Ashley J.  
 5 <120> TITLE OF INVENTION: IMMUNOGENIC Hbc CHIMER PARTICLES HAVING ENHANCED  
 6 STABILITY  
 8 <130> FILE REFERENCE: 4564/81175 ICC-102.2  
 10 <140> CURRENT APPLICATION NUMBER: US/09/930,915  
 11 <141> CURRENT FILING DATE: 2001-08-15  
 13 <150> PRIOR APPLICATION NUMBER: 60/226,867  
 14 <151> PRIOR FILING DATE: 2000-08-22  
 16 <150> PRIOR APPLICATION NUMBER: 60/225,843  
 17 <151> PRIOR FILING DATE: 2000-08-16  
 19 <160> NUMBER OF SEQ ID NOS: 313  
 21 <170> SOFTWARE: PatentIn Ver. 2.1

# ERRORED SEQUENCES

2140 <210> SEQ ID NO: 188  
 2141 <211> LENGTH: 1617  
 2142 <212> TYPE: PRT  
 2143 <213> ORGANISM: Hepatitis C virus  
 2145 <400> SEQUENCE: 188  
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E--> 2149 Leu

2205 <210> SEQ ID NO: 193  
 2206 <211> LENGTH: 9  
 2207 <212> TYPE: PRT  
 2208 <213> ORGANISM: Plasmodium vivax  
 2210 <400> SEQUENCE: 193  
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see item 9 on Erra Summary sheet

2212 1 5  
 2215 <210> SEQ ID NO: 194  
 2216 <211> LENGTH: 9  
 2217 <212> TYPE: PRT  
 2218 <213> ORGANISM: Plasmodium vivax  
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item 9

2222 1 5  
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 4033 <212> TYPE: DNA  
 4034 <213> ORGANISM: Hepatitis B virus  
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 4037 atggacattg acccttataa agaatttgga gctactgtgg agttactctc gtttttgcct 60  
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 4039 gccttagagt ctcttgagca ttgtcacct caccatactg cactcaggca agccattctc 180  
 4040 tgctgggggg aattgatgac tctagctacc tgggtgggta ataattgca agatccagca 240

## RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/930,915

TIME: 17:29:05

Input Set : A:\Icc-1022.app

Output Set: N:\CRF3\08162001\I930915.raw

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4043 tctttcggag tgtggattcg cactcctcca gcctatagac caccaaagtc ccctatctta 420
4044 tcaacacttc cggaaactac tggtgttaga cgacgggacc gaggcaggtc ccctagaaga 480
4045 agaactccct cgcctcgcag acgcagatct caatcgccgc gtcgcagaag atctcaatct 540
E--> 4046 cgggaatctc aatgt 555
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## VERIFICATION SUMMARY

DATE: 08/23/2001

PATENT APPLICATION: US/09/930,915

TIME: 17:29:06

Input Set : A:\Icc-1022.app

Output Set: N:\CRF3\08162001\I930915.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:2149 M:252 E: No. of Seq. differs, <211>LENGTH:Input:16 Found:17 SEQ:188 ✓  
L:2211 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:193 ✓  
L:2221 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:194 ✓  
L:3325 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:258  
L:3411 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:260  
L:4046 M:252 E: No. of Seq. differs, <211>LENGTH:Input:554 Found:555 SEQ:276